



# Performance

## Metrics

● First Contentful Paint	0.8 s	● Time to Interactive	1.0 s
● Speed Index	0.8 s	● Total Blocking Time	50 ms
● Largest Contentful Paint	1.0 s	● Cumulative Layout Shift	0.017

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator](#).



**Opportunities** — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Opportunity	Estimated Savings
■ Remove unused JavaScript	■ 0.16 s ▾

**Diagnostics** — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

- ▲ Ensure text remains visible during webfont load
- ▲ Does not use passive listeners to improve scrolling performance
- Avoid chaining critical requests — 5 chains found
- Keep request counts low and transfer sizes small — 8 requests • 343 KiB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 3 elements found
- Avoid long main-thread tasks — 1 long task found

**Passed audits (27)**



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**ARIA** — These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

▲ `[role]`s are not contained by their required parent element



**Internationalization and localization** — These are opportunities to improve the interpretation of your content by users in different locales.

▲ `<html>` element does not have a `[lang]` attribute



**Tables and lists** — These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

▲ List items (`<li>`) are not contained within `<ul>` or `<ol>` parent elements.



**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).



**Passed audits (18)**



**Not applicable (20)**



## Best Practices

## Trust and Safety

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▲ Does not use HTTPS — 2 insecure requests found

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Passed audits (15)

Not applicable (1)

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## SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more](#).

**Content Best Practices** — Format your HTML in a way that enables crawlers to better understand your app's content.

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▲ Document does not have a meta description

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**Additional items to manually check (1)** — Run these additional validators on your site to check additional SEO best practices.

**Passed audits (8)****Not applicable (5)**

## Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more.](#)

**Fast and reliable**

- Page load is fast enough on mobile networks
- ▲ Current page does not respond with a 200 when offline
- ▲ `start_url` does not respond with a 200 when offline
  - No usable web app manifest found on page.

**Installable**

- ▲ Does not use HTTPS — 2 insecure requests found
- ▲ Does not register a service worker that controls page and `start_url`
- ▲ Web app manifest does not meet the installability requirements
  - Failures: No manifest was fetched.



## PWA Optimized

- ▲ Does not redirect HTTP traffic to HTTPS
- ▲ Is not configured for a custom splash screen **Failures: No manifest was fetched.**
- Does not set a theme color for the address bar.  
▲ **Failures: No manifest was fetched, No `**
- Content is sized correctly for the viewport
- Has a `<meta name="viewport">` tag with `width` or `initial-scale`
- ▲ Does not provide fallback content when JavaScript is not available  
**The page body should render some content if its scripts are not available.**
- ▲ Does not provide a valid `apple-touch-icon`
- ▲ Manifest doesn't have a maskable icon **No manifest was fetched**

**Additional items to manually check (3)** — These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

### Runtime Settings

URL	http://<redacted>/redoc
Fetch Time	Feb 25, 2021, 12:53 PM CST
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)

<b>Channel</b>	devtools
<b>User agent (host)</b>	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.192 Safari/537.36
<b>User agent (network)</b>	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/84.0.4143.7 Safari/537.36 Chrome-Lighthouse
<b>CPU/Memory Power</b>	1505
<b>Axe version</b>	3.5.5

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